

SESSION DAY & DATE	SESSION START TIME	SESSION END TIME	SESSION LOCATION	FINAL ID
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 201	S01.01.01
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 201	S01.01.02
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 201	S01.01.03
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 201	S01.01.04
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 208	S01.01.05
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 208	S01.01.06
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 208	S01.01.07
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 208	S01.01.08
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 206	S01.01.09
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 206	S01.01.10
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 206	S01.01.11
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 206	S01.01.12
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 205	S01.01.13
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 205	S01.01.14
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 205	S01.01.15
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 205	S01.01.16
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 207	O01.01.01
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 207	O01.01.02
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 207	O01.01.03
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 207	O01.01.04
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 211	S01.01.17
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 211	S01.01.18
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 211	S01.01.19
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 211	S01.01.20
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 203	S01.01.21
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 203	S01.01.22
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 203	S01.01.23
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 203	S01.01.24
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 212	S01.01.25
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 212	S01.01.26
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 212	S01.01.27
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 212	S01.01.28
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 209	S01.01.29
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 209	S01.01.30
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 209	S01.01.31
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 209	S01.01.32
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 204	S01.01.33
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 204	S01.01.34
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 204	S01.01.35
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 204	S01.01.36
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 202	S01.01.37
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 202	S01.01.38
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 202	S01.01.39
Monday, August 27, 2018	9:30 AM	10:30 AM	Room 202	S01.01.40
Monday, August 27, 2018	9:30 AM	10:30 AM	Canada Hall 1&2	S01.01.41
Monday, August 27, 2018	9:30 AM	10:30 AM	Canada Hall 1&2	S01.01.42

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Monday, August 27, 2018	4:15 PM	5:30 PM Room 209	S01.04.16
Monday, August 27, 2018	4:15 PM	5:30 PM Room 209	S01.04.17
Monday, August 27, 2018	4:15 PM	5:30 PM Room 209	S01.04.18
Monday, August 27, 2018	4:15 PM	5:30 PM Room 209	S01.04.19
Monday, August 27, 2018	4:15 PM	5:30 PM Room 209	S01.04.20
Monday, August 27, 2018	4:15 PM	5:30 PM Room 204	S01.04.21
Monday, August 27, 2018	4:15 PM	5:30 PM Room 204	S01.04.22
Monday, August 27, 2018	4:15 PM	5:30 PM Room 204	S01.04.23
Monday, August 27, 2018	4:15 PM	5:30 PM Room 204	S01.04.24
Monday, August 27, 2018	4:15 PM	5:30 PM Room 204	S01.04.25
Monday, August 27, 2018	4:15 PM	5:30 PM Room 211	S01.04.26
Monday, August 27, 2018	4:15 PM	5:30 PM Room 211	S01.04.27
Monday, August 27, 2018	4:15 PM	5:30 PM Room 211	S01.04.28
Monday, August 27, 2018	4:15 PM	5:30 PM Room 211	S01.04.29
Monday, August 27, 2018	4:15 PM	5:30 PM Room 211	S01.04.30
Monday, August 27, 2018	4:15 PM	5:30 PM Room 203	S01.04.31
Monday, August 27, 2018	4:15 PM	5:30 PM Room 203	S01.04.32
Monday, August 27, 2018	4:15 PM	5:30 PM Room 203	S01.04.33
Monday, August 27, 2018	4:15 PM	5:30 PM Room 203	S01.04.34
Monday, August 27, 2018	4:15 PM	5:30 PM Room 203	S01.04.40
Monday, August 27, 2018	4:15 PM	5:30 PM Room 206	O01.04.11
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Monday, August 27, 2018	4:15 PM	5:30 PM Canada Hall 1&2	O01.04.15
Monday, August 27, 2018	4:15 PM	5:30 PM Canada Hall 1&2	O01.04.16
Monday, August 27, 2018	4:15 PM	5:30 PM Canada Hall 1&2	O01.04.17
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Monday, August 27, 2018	4:15 PM	5:30 PM Room 201	O01.04.24
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Monday, August 27, 2018	4:15 PM	5:30 PM Room 205	S01.04.36
Monday, August 27, 2018	4:15 PM	5:30 PM Room 205	S01.04.37
Monday, August 27, 2018	4:15 PM	5:30 PM Room 205	S01.04.38
Monday, August 27, 2018	4:15 PM	5:30 PM Room 205	S01.04.39

SESSION CHAIR(S)

Telma Nery

Telma Nery

Telma Nery

Telma Nery

Marko Tainio, Thiago Hérick de Sá

Marko Tainio, Thiago Hérick de Sá

Marko Tainio, Thiago Hérick de Sá

Marko Tainio, Thiago Hérick de Sá

Lina Mu

Lina Mu

Lina Mu

Lina Mu

Domyung Paek

Domyung Paek

Domyung Paek

Domyung Paek

Melanie Lemire, Pi-i Lin

Melanie Lemire, Pi-i Lin

Melanie Lemire, Pi-i Lin

Melanie Lemire, Pi-i Lin

Kristie Ebi, Youssef Oulhote

Kristie Ebi, Youssef Oulhote

Kristie Ebi, Youssef Oulhote

Kristie Ebi, Youssef Oulhote

Meghan Davis, Ana Rule

Meghan Davis, Ana Rule

Meghan Davis, Ana Rule

Meghan Davis, Ana Rule

Kristin Isaacs

Kristin Isaacs

Kristin Isaacs

Kristin Isaacs

Julianne Nassif

Julianne Nassif

Julianne Nassif

Julianne Nassif

Jeffrey Brook

Jeffrey Brook

Jeffrey Brook

Jeffrey Brook

Hwashin Shin

Hwashin Shin

Hwashin Shin

Hwashin Shin

Jessie Buckley, Anna Pollack

Jessie Buckley, Anna Pollack

Jessie Buckley, Anna Pollack
Jessie Buckley, Anna Pollack
Michihiro Kamijima, David Richardson
Michihiro Kamijima, David Richardson
Michihiro Kamijima, David Richardson
Michihiro Kamijima, David Richardson
Cathryn Tonne, Julian Marshall
Cathryn Tonne, Julian Marshall
Cathryn Tonne, Julian Marshall
Cathryn Tonne, Julian Marshall
Cathryn Tonne, Julian Marshall
Cathryn Tonne, Julian Marshall
Mary Ward, Michelle Turner
Mary Ward, Michelle Turner, Barcelona Institute for Global Health (ISGlobal), Spain
Mary Ward, Michelle Turner, Barcelona Institute for Global Health (ISGlobal), Spain
Mary Ward, Michelle Turner, Barcelona Institute for Global Health (ISGlobal), Spain
Mary Ward, Michelle Turner, Barcelona Institute for Global Health (ISGlobal), Spain
Mary Ward, Michelle Turner, Barcelona Institute for Global Health (ISGlobal), Spain
Heresh Amini, Barbara Hoffmann
Heresh Amini, Barbara Hoffmann
Heresh Amini, Barbara Hoffmann
Heresh Amini, Barbara Hoffmann
Heresh Amini, Barbara Hoffmann
Gerard Hoek, Alan Fleck
Gerard Hoek, Alan Fleck
Gerard Hoek, Alan Fleck
Gerard Hoek, Alan Fleck
Gerard Hoek, Alan Fleck
Gerard Hoek, Alan Fleck
Kate Weinberger, Mathilde Pascal
Kate Weinberger, Mathilde Pascal
Kate Weinberger, Mathilde Pascal
Kate Weinberger, Mathilde Pascal
Kate Weinberger, Mathilde Pascal
Carina Gronlund, Shelley Harris
Carina Gronlund, Shelley Harris
Carina Gronlund, Shelley Harris
Carina Gronlund, Shelley Harris
Carina Gronlund, Shelley Harris
Carina Gronlund, Shelley Harris
Jessica Reiner, Shoji Nakayama
Jessica Reiner, Shoji Nakayama
Jessica Reiner, Shoji Nakayama
Jessica Reiner, Shoji Nakayama
Jessica Reiner, Shoji Nakayama

Jessica Reiner, Shoji Nakayama
Berna Van Wendel de Joode, Rachel Tham
Berna Van Wendel de Joode, Rachel Tham
Berna Van Wendel de Joode, Rachel Tham
Berna Van Wendel de Joode, Rachel Tham
Berna Van Wendel de Joode, Rachel Tham
Berna Van Wendel de Joode, Rachel Tham
Roel Vermeulen
Roel Vermeulen
Roel Vermeulen
Roel Vermeulen
Roel Vermeulen
Roel Vermeulen
Annette Guiseppi-Elie
Annette Guiseppi-Elie
Annette Guiseppi-Elie
Annette Guiseppi-Elie
Annette Guiseppi-Elie
Annette Guiseppi-Elie
Lucas Neas, Pau-Chung Chen
Lucas Neas, Pau-Chung Chen
Lucas Neas, Pau-Chung Chen
Lucas Neas, Pau-Chung Chen
Lucas Neas, Pau-Chung Chen
Lucas Neas, Pau-Chung Chen
Raymond Neutra, Rajendra Parajuli
Raymond Neutra, Rajendra Parajuli
Raymond Neutra, Rajendra Parajuli
Raymond Neutra, Rajendra Parajuli
Raymond Neutra, Rajendra Parajuli
Raymond Neutra, Rajendra Parajuli
Maria Foraster, Danielle Vienneau
Maria Foraster, Danielle Vienneau
Maria Foraster, Danielle Vienneau
Maria Foraster, Danielle Vienneau
Maria Foraster, Danielle Vienneau
Maria Foraster, Danielle Vienneau
Megan Romano, Jonathan Chevrier
Megan Romano, Jonathan Chevrier
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Megan Romano, Jonathan Chevrier
Pat Rasmussen, Kristin Macey
Pat Rasmussen, Kristin Macey
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Pat Rasmussen, Kristin Macey
Blesson Varghese, Gregory Wellenius
Blesson Varghese, Gregory Wellenius
Blesson Varghese, Gregory Wellenius
Blesson Varghese, Gregory Wellenius
Blesson Varghese, Gregory Wellenius
Blesson Varghese, Gregory Wellenius
Deborah Dewey
Deborah Dewey
Deborah Dewey
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Deborah Dewey
Deborah Dewey
Deborah Dewey
Heqing Shen, Tye Arbuckle
Heqing Shen, Tye Arbuckle
Heqing Shen, Tye Arbuckle
Heqing Shen, Tye Arbuckle
Heqing Shen, Tye Arbuckle
Heqing Shen, Tye Arbuckle
Donna Mergler, Laurie Chan
Donna Mergler, Laurie Chan
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Donna Mergler, Laurie Chan
Ananya Roy, Maria Harris
Ananya Roy, Maria Harris
Ananya Roy, Maria Harris
Ananya Roy, Maria Harris
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Danielle Vienneau, Peter James
Danielle Vienneau, Peter James
Danielle Vienneau, Peter James
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Danielle Vienneau, Peter James
Marie-Elise Parent, Kyle Steenland
Marie-Elise Parent, Kyle Steenland
Marie-Elise Parent, Kyle Steenland
Marie-Elise Parent, Kyle Steenland
Marie-Elise Parent, Kyle Steenland
Marie-Elise Parent, Kyle Steenland
Raph Arku, Ling Liu
Raph Arku, Ling Liu

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Raph Arku, Ling Liu
Dany Doiron, Penelope Quintana
Dany Doiron, Penelope Quintana
Dany Doiron, Penelope Quintana
Dany Doiron, Penelope Quintana
Dany Doiron, Penelope Quintana
Dany Doiron, Penelope Quintana
Lisa McKenzie, Chandresh Ladva
Lisa McKenzie, Chandresh Ladva
Lisa McKenzie, Chandresh Ladva
Lisa McKenzie, Chandresh Ladva
Lisa McKenzie, Chandresh Ladva
Maryam Shekarrizfard, Ben Armstrong
Maryam Shekarrizfard, Ben Armstrong
Maryam Shekarrizfard, Ben Armstrong
Maryam Shekarrizfard, Ben Armstrong
Maryam Shekarrizfard, Ben Armstrong
Maryam Shekarrizfard, Ben Armstrong
Cheryl Khoury
Cheryl Khoury
Cheryl Khoury
Cheryl Khoury
Cheryl Khoury
Natalie von Goetz, Cecile Karrer
Natalie von Goetz, Cecile Karrer
Natalie von Goetz, Cecile Karrer
Natalie von Goetz, Cecile Karrer
Natalie von Goetz, Cecile Karrer
Elaine Fuertes, Eric Lavigne
Elaine Fuertes, Eric Lavigne
Elaine Fuertes, Eric Lavigne
Elaine Fuertes, Eric Lavigne
Elaine Fuertes, Eric Lavigne
Kees de Hoogh, Jeremy Sarnat
Kees de Hoogh, Jeremy Sarnat
Kees de Hoogh, Jeremy Sarnat
Kees de Hoogh, Jeremy Sarnat
Kees de Hoogh, Jeremy Sarnat
Timothy Buckley, Dale Sandler
Timothy Buckley, Dale Sandler
Timothy Buckley, Dale Sandler
Timothy Buckley, Dale Sandler
Timothy Buckley, Dale Sandler

Lesia Aylward
Lesia Aylward
Lesia Aylward
Lesia Aylward
Lesia Aylward
Joshua Rosenthal, Kalpana Balakrishnan
Joshua Rosenthal, Kalpana Balakrishnan
Joshua Rosenthal, Kalpana Balakrishnan
Joshua Rosenthal, Kalpana Balakrishnan
Joshua Rosenthal, Kalpana Balakrishnan
Kristie Ebi, Youssef Oulhote
Kristie Ebi, Youssef Oulhote
Kristie Ebi, Youssef Oulhote
Kristie Ebi, Youssef Oulhote
Kristie Ebi, Youssef Oulhote
Kirsten Koehler
Kirsten Koehler
Kirsten Koehler
Kirsten Koehler
Kirsten Koehler
Julia Bauer, Tamara Schikowski
Julia Bauer, Tamara Schikowski
Julia Bauer, Tamara Schikowski
Julia Bauer, Tamara Schikowski
Julia Bauer, Tamara Schikowski
Francesco Sera, David Rojas
Francesco Sera, David Rojas
Francesco Sera, David Rojas
Francesco Sera, David Rojas
Francesco Sera, David Rojas
Emma Rosen, Andres Cardenas
Emma Rosen, Andres Cardenas
Emma Rosen, Andres Cardenas
Emma Rosen, Andres Cardenas
Emma Rosen, Andres Cardenas
Madeleine Scammell, Katherine James, Bonnie Joubert
Madeleine Scammell, Katherine James, Bonnie Joubert
Madeleine Scammell, Katherine James, Bonnie Joubert
Madeleine Scammell, Katherine James, Bonnie Joubert
Madeleine Scammell, Katherine James, Bonnie Joubert

SESSION TITLE

Addressing Complex Local and Global Issues in Environmental Exposure and Health: Addressing the Health of Children ar
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Air Pollution and Physical Activity: Environmental Health Perspective
Air Pollution and Physical Activity: Environmental Health Perspective
Air Pollution and Physical Activity: Environmental Health Perspective
Air Pollution and Physical Activity: Environmental Health Perspective
Air Pollution Exposure and Metabolomics
Air Pollution Exposure and Metabolomics
Air Pollution Exposure and Metabolomics
Air Pollution Exposure and Metabolomics
Bronchiolar and Interstitial Lung Disease by Occupational and Environmental Exposure: Their Implication and Future Task
Bronchiolar and Interstitial Lung Disease by Occupational and Environmental Exposure: Their Implication and Future Task
Bronchiolar and Interstitial Lung Disease by Occupational and Environmental Exposure: Their Implication and Future Task
Bronchiolar and Interstitial Lung Disease by Occupational and Environmental Exposure: Their Implication and Future Task
Chemical Exposures and Fish Consumption
Chemical Exposures and Fish Consumption
Chemical Exposures and Fish Consumption
Chemical Exposures and Fish Consumption
Climate, Air Pollution, and Environmental Health in Africa 1
Climate, Air Pollution, and Environmental Health in Africa 1
Climate, Air Pollution, and Environmental Health in Africa 1
Climate, Air Pollution, and Environmental Health in Africa 1
Complex Rural Exposures and Health
Complex Rural Exposures and Health
Complex Rural Exposures and Health
Complex Rural Exposures and Health
Evaluating High-Throughput New Approach Methods (NAM) for Exposure
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Harmonization of Biomonitoring Measurements: Approaches Used by Laboratory Networks in Canada, Europe and the U
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Mobilizing Data for Healthy Environments: Platforms Facilitating Health and Environmental Exposure Linkage
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Multi-Response and Multi-Pollutant Models for Environmental Exposure and Health: From Gap-Filling to Decorrelating St
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Novel Methods for Assessing Complex Exposure Mixtures in Environmental Epidemiology
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Occupational Exposures and Respiratory Outcomes
Occupational Exposures and Respiratory Outcomes
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Occupational Exposures and Respiratory Outcomes
Advances in Air Pollution Exposure Assessment for Population Health Studies in Low and Middle Income Countries: Insignificance of Air Pollution
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Cancer and the Environment
Cancer and the Environment
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Cancer and the Environment
Cardiopulmonary Outcomes Associated with Long-Term Exposure to Air Pollution
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Cardiopulmonary Outcomes Associated with Long-Term Exposure to Air Pollution
Characterizing Near-Road and Point Sources of Air Pollution
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Characterizing Near-Road and Point Sources of Air Pollution
Climate and Health
Climate and Health
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Climate and Health
Environmental Exposures and Adult Health Outcomes
Environmental Exposures and Adult Health Outcomes
Environmental Exposures and Adult Health Outcomes
Environmental Exposures and Adult Health Outcomes
Environmental Exposures and Adult Health Outcomes
Environmental Exposures and Adult Health Outcomes
Exposures and Health Impacts of Perfluorinated Substances
Exposures and Health Impacts of Perfluorinated Substances
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Exposures and Health Impacts of Perfluorinated Substances

Exposures and Health Impacts of Perfluorinated Substances
Exposures in Contaminated Communities and Children's Health
Exposures in Contaminated Communities and Children's Health
Exposures in Contaminated Communities and Children's Health
Exposures in Contaminated Communities and Children's Health
Exposures in Contaminated Communities and Children's Health
Exposures in Contaminated Communities and Children's Health
High-Resolution Metabolomics: A Platform Linking the External and Internal Environment
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Investigating Chemical Constituents and Exposure Potential in Recycled Tire Crumb Rubber Infill Used in Playing Fields ar
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Neurodevelopmental Outcomes Associated with Perinatal Exposure to Air Pollution
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New Policy Directions in Exposure Assessment and Environmental Epidemiology
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New Policy Directions in Exposure Assessment and Environmental Epidemiology
New Policy Directions in Exposure Assessment and Environmental Epidemiology
New Policy Directions in Exposure Assessment and Environmental Epidemiology
Sound Off for Environmental Noise Research: Milestones in Exposure Assessment and Health Evidence
Sound Off for Environmental Noise Research: Milestones in Exposure Assessment and Health Evidence
Sound Off for Environmental Noise Research: Milestones in Exposure Assessment and Health Evidence
Sound Off for Environmental Noise Research: Milestones in Exposure Assessment and Health Evidence
Sound Off for Environmental Noise Research: Milestones in Exposure Assessment and Health Evidence
A Closer Look At Exposures to Flame Retardants
A Closer Look At Exposures to Flame Retardants
A Closer Look At Exposures to Flame Retardants
A Closer Look At Exposures to Flame Retardants
A Closer Look At Exposures to Flame Retardants
A Closer Look At Exposures to Flame Retardants
A Global Look at Lead Exposures
A Global Look at Lead Exposures
A Global Look at Lead Exposures
A Global Look at Lead Exposures

A Global Look at Lead Exposures
A Global Look at Lead Exposures
Effects of Heat Waves
Effects of Heat Waves
Effects of Heat Waves
Effects of Heat Waves
Effects of Heat Waves
Effects of Heat Waves
Effects of Prenatal Exposure to Environmental Neurotoxicants on Health and Neurodevelopment
Effects of Prenatal Exposure to Environmental Neurotoxicants on Health and Neurodevelopment
Effects of Prenatal Exposure to Environmental Neurotoxicants on Health and Neurodevelopment
Effects of Prenatal Exposure to Environmental Neurotoxicants on Health and Neurodevelopment
Effects of Prenatal Exposure to Environmental Neurotoxicants on Health and Neurodevelopment
Effects of Prenatal Exposure to Environmental Neurotoxicants on Health and Neurodevelopment
Environmental Exposures and Birth Outcomes
Environmental Exposures and Birth Outcomes
Environmental Exposures and Birth Outcomes
Environmental Exposures and Birth Outcomes
Environmental Exposures and Birth Outcomes
Environmental Exposures and Birth Outcomes
Food, Nutrition and Environmental Health among First Nations in Canada
Food, Nutrition and Environmental Health among First Nations in Canada
Food, Nutrition and Environmental Health among First Nations in Canada
Food, Nutrition and Environmental Health among First Nations in Canada
Food, Nutrition and Environmental Health among First Nations in Canada
Food, Nutrition and Environmental Health among First Nations in Canada
High Resolution Air Pollution Mapping: Translating Data to Action
High Resolution Air Pollution Mapping: Translating Data to Action
High Resolution Air Pollution Mapping: Translating Data to Action
High Resolution Air Pollution Mapping: Translating Data to Action
High Resolution Air Pollution Mapping: Translating Data to Action
High Resolution Air Pollution Mapping: Translating Data to Action
Natural Environment and Health
Natural Environment and Health
Natural Environment and Health
Natural Environment and Health
Natural Environment and Health
Natural Environment and Health
Occupational Exposure and Worker Health
Occupational Exposure and Worker Health
Occupational Exposure and Worker Health
Occupational Exposure and Worker Health
Occupational Exposure and Worker Health
Occupational Exposure and Worker Health
Panel Studies of Air Pollution, Inflammation, COPD, and Lung Function
Panel Studies of Air Pollution, Inflammation, COPD, and Lung Function

Panel Studies of Air Pollution, Inflammation, COPD, and Lung Function
Panel Studies of Air Pollution, Inflammation, COPD, and Lung Function
~~Panel Studies of Air Pollution, Inflammation, COPD, and Lung Function~~
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Social, Economic, and Demographic Disparities in Air Pollution Exposure and Health Outcomes
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Social, Economic, and Demographic Disparities in Air Pollution Exposure and Health Outcomes
Social, Economic, and Demographic Disparities in Air Pollution Exposure and Health Outcomes
Stress, Inflammation, and Cardiopulmonary Outcomes in Scripted and Experimental Air Pollution Exposure Studies
Stress, Inflammation, and Cardiopulmonary Outcomes in Scripted and Experimental Air Pollution Exposure Studies
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Stress, Inflammation, and Cardiopulmonary Outcomes in Scripted and Experimental Air Pollution Exposure Studies
Stress, Inflammation, and Cardiopulmonary Outcomes in Scripted and Experimental Air Pollution Exposure Studies
Transportation System and Health
Transportation System and Health
Transportation System and Health
Transportation System and Health
Transportation System and Health
Addressing Complexities through Partnership and Collaboration in the Arctic
Addressing Complexities through Partnership and Collaboration in the Arctic
Addressing Complexities through Partnership and Collaboration in the Arctic
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Aggregate Exposure and Cumulative Risk Assessments in the Euromix Project
Aggregate Exposure and Cumulative Risk Assessments in the Euromix Project
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Aggregate Exposure and Cumulative Risk Assessments in the Euromix Project
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Air Pollution, Asthma and Allergic Disease
Air Pollution, Asthma and Allergic Disease
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Application of Machine Learning Methods to Develop Spatiotemporal Models of Air Pollution
Application of Machine Learning Methods to Develop Spatiotemporal Models of Air Pollution
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Application of Machine Learning Methods to Develop Spatiotemporal Models of Air Pollution
Application of Machine Learning Methods to Develop Spatiotemporal Models of Air Pollution
Assessing Health and Well-Being Benefits of Exposure to Natural Environments: Methodological Challenges and Opportu
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Assessing Health and Well-Being Benefits of Exposure to Natural Environments: Methodological Challenges and Opportu
Assessing Health and Well-Being Benefits of Exposure to Natural Environments: Methodological Challenges and Opportu
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Biomonitoring Data from the Canadian Health Measures Survey in Risk Assessment: A Decade of Progress
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Clean Cooking Implementation Science to Understand Complex Determinants of Clean Fuel Technology Adoption
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Clean Cooking Implementation Science to Understand Complex Determinants of Clean Fuel Technology Adoption
Clean Cooking Implementation Science to Understand Complex Determinants of Clean Fuel Technology Adoption
Climate, Air Pollution, and Environmental Health in Africa 2
Climate, Air Pollution, and Environmental Health in Africa 2
Climate, Air Pollution, and Environmental Health in Africa 2
Climate, Air Pollution, and Environmental Health in Africa 2
Climate, Air Pollution, and Environmental Health in Africa 2
Emerging Evidence on Exposures to Ultrafine Particles
Emerging Evidence on Exposures to Ultrafine Particles
Emerging Evidence on Exposures to Ultrafine Particles
Emerging Evidence on Exposures to Ultrafine Particles
Emerging Evidence on Exposures to Ultrafine Particles
Neurological and Cognitive Outcomes Associated with Air Pollution
Neurological and Cognitive Outcomes Associated with Air Pollution
Neurological and Cognitive Outcomes Associated with Air Pollution
Neurological and Cognitive Outcomes Associated with Air Pollution
Neurological and Cognitive Outcomes Associated with Air Pollution
Novel Approaches in Environmental Epidemiology
Novel Approaches in Environmental Epidemiology
Novel Approaches in Environmental Epidemiology
Novel Approaches in Environmental Epidemiology
Novel Approaches in Environmental Epidemiology
Prenatal Metals Exposure
Prenatal Metals Exposure
Prenatal Metals Exposure
Prenatal Metals Exposure
Prenatal Metals Exposure
Updates on the CKDu Epidemic and New Directions for Coordinated Research
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TITLE

Early exposure to environmental pollutants and weight gain in children. Rio de Janeiro city / Brazil
Analyze Health Data of Children and Adolescents in the Municipalities with the Highest Consumption of Pesticides in the
Characteristics of Health and Environment in Santa Gertrudes City: Sao Paulo, Brazil
Birth Cohort Study of Environmental Exposure and Childhood Development: Rio De Janeiro / Brazil
Air Pollution and Physical Activity Epidemiology: Are Long-Term Benefits of Physical Activity on Health Modified by Expos
Air Pollution and Physical Activity (APPA): Air Pollution Exposure in Travel Modes
Should You Avoid Cycling and Walking in High Pollution Days?
Air Pollution, Physical Activity and Health: What Are the Pathways to Healthy Urban Living?
Metabolomics Profiling in Response to Air Pollution Levels
Non-Targeted Metabolite Profiling of Dried Blood Spots in a Field-Based Epidemiologic Study of Household Air Pollution
Ambient Air Pollution Exposure Is Changing Metabolomics Profiles: A Link to Disease Development
Module Detection in Attributed Networks for the Association with Outcomes
Outbreaks of Severe Lung Injury Caused by Agents that Were Deemed Safe: From Air-Sprayed Paints to Humidifier Disinf
Bronchiolar and Interstitial Lung Disease by Humidifier Disinfectant Syndrome in Korea
Health Damage of Humidifier Disinfectant by Big Data Analysis in Korea
Characteristics of Exposure to Humidifier Disinfectant (HD) among Patients with Lung Injury
Examining Changes in Persistent Organochlorine Pollutants Following High Consumption of Farmed Atlantic Salmon: Res
Shellfish and Fatty Fish Intake and Fecundability in a North American Prospective Cohort Study
Seafood Consumption and Mercury Exposure in Chicago Asian Communities
Biomonitoring of Mercury and Persistent Organic Pollutants in Michigan Urban Anglers and Association with Fish Consun
Short Term Seasonal Effect of Ambient Air Pollutants and Airborne Fungal Spores on the Lung Function of School Childrer
Closing Research Gap on Climate Change and Health in Africa
No More Disciplinary Silos in Tackling Climate Change Impact on Health: Lessons from an Ecohealth Research Project in V
Evaluating the Effectiveness of a Community-Based Adaptation Strategy for Dengue Vector Control in Burkina Faso
Assessment of Exposure and Health Outcomes in Rural Settings
Object Based Image Analysis (OBIA) Methods for Mapping Poultry Farm Locations
Electronic Health Records for Population Health Research in Rural Communities
Implementation of a Panel Exposure and Health Study in a Rural Setting
Evaluation of High-Throughput Chemical Functional Use Models
Comparison of High-Throughput Exposure Predictions to Traditional Exposure Assessments under Canada's Chemicals M
Evaluating NAMs for Toxicokinetics
Evaluation of High-Throughput Chemical Exposure Models: Case Study of Matched Environmental and Biological Measur
Harmonization of Biomonitoring Measurements in the Canadian Health Measures Survey: An Overview of Approaches, C
Harmonization of Human Biomonitoring and Untargeted Exposure Analysis in Children's Health
Harmonization of Human Biomonitoring Measurements in the National Biomonitoring Network (United States): Learning
Harmonization of Human Biomonitoring in Europe: The European Human Biomonitoring Initiative HBM4EU
Enhancing Environmental Data Resources in Cohort Studies: ALSPAC Exemplar (ERICA)
The Canadian Urban Environmental Health Research Consortium (CANUE)
Harmonisation of Air Pollution Exposures in the European ELAPSE Study
U.S. Centers for Disease Control and Prevention's (CDC) National Environmental Public Health Tracking Program
Identification of Problematic Data Sections and Interpolation of Air Pollution Time-Series
15 Years of Air Quality (AQ) Objective Analysis Mapping over North America Using Real-Time Observations and Canadian
Geometric and Statistical Methods for Aggregating Predictors in Pollutant Risk Models
Correlated Responses in Air Pollution Regression Models
Using Bayesian Shared Mean and Mixture Priors to Study Prenatal Endocrine Disrupting Chemical Mixtures and Neurodev
A Bayesian Approach to Assess Prenatal Exposures to Metal Mixtures and Associations with Latent Patterns of Neurodev

Applying the Bayesian G-Formula to Estimate Impacts of Public Health Actions on Environmental Exposure Mixtures

Characterizing Exposure to Complex Environmental Mixtures with Self-Organizing Maps

Personal and Area Exposure Assessment at a Stainless Steel Fabrication Facility: Evaluation of Inhalable, Thoracic, Time-R

Association between Occupational Exposure to Textile Fibre Dusts and Lung Cancer in a Population-Based Case-Control S

Chronic Obstructive Pulmonary Disease Mortality in the Diesel Exhaust in Miners Study (DEMS)

Environmental and Biological Monitoring of Volatile Organic Chemicals among Nail Technicians

Pure-Air: A Global Assessment of Household and Outdoor Air Pollution and Cardiopulmonary Disease

Particle Exposure Assessment in Peri-Urban India: Lessons Learned from the CHAI Project

Optimizing Air Pollution Exposure Assessment Methods for Pregnant Women: Experiences from the Rural-Urban TAPHE

Towards a National Scale Spatio-Temporal Model for Ambient PM_{2.5} in India

Spatiotemporal Prediction of Daily Average Ambient PM_{2.5} Concentrations at 1 Sq. Km. Grids over Delhi, India, from 201

Panel Discussion

Population Attributable Risk and Projected Population Impact Fractions for Lung Cancer and Outdoor Air Pollution in Can

Outdoor Particulate Matter (PM₁₀) Exposure and Lung Cancer Risk in the EAGLE Study

Ambient NO₂ Exposure and Respiratory Cancer Risk in São Paulo, Brazil

Cancer Incidence in the Agricultural Health Study Farmers: Is the Lung Cancer Deficit Due to Endotoxin?

Prostate Cancer Characteristics Are Associated with Overall Environmental Quality

Public Health Ontario's Environmental Burden of Disease Project

Long-Term Exposure to Air Pollution and the Incidence of Chronic Obstructive Pulmonary Disease (COPD) and Asthma: A

Associations between Ambient Air Pollution Exposure, Lung Function and COPD: Results from the UK Biobank Cohort

Ambient Air Pollution Exposure and Risk and Progression of Interstitial Lung Abnormalities: The Framingham Heart Study

Long-Term Exposures to Air Pollution and the Risk of Atrial Fibrillation

Associations between Outdoor Fine Particulate Matter Air Pollution and Cardiovascular Disease: Results from the Prospe

Long-Term Exposure to Air Pollution and Incidence of Myocardial Infarction: A Danish Nurse Cohort Study

Estimating Exposures to Unconventional Oil and Gas Flaring Using Satellite Observations

Novel Air Pollution Exposure Indices for Homes near Industrial Swine and Poultry Operations in North Carolina (USA)

The Mobile Observations of Ultrafine Particles (MOV-UP) Study: Winter 2018 Sampling

Characterizing Urban Particulate Matter Vehicle Emission Spatial Distributions with On-Road Black Carbon and Particle N

Variations in Roadside Gradients of Nitrogen Dioxide Observed in a Range of Urban and Rural Settings

Errors Associated with the Use of Roadside Monitoring in the Estimation of Acute Traffic Pollutant-Related Health Effects

Impacts of Tropical Deforestation and Increased Heat Exposure on Health and Productivity in Rural Areas: The Case of Fo

Disappearing Seas: Assessing Dust and Respiratory Health in a Changing Climate

Climate Change and Health: A Historical Analysis of Vivax Malaria Outbreak in Moscow (Russia) during 1999-2008

Climate Variability, School Calendar Pattern and Pertussis Epidemic

Impact of Climate Change Policies on Environmental Inequalities in Great Britain

Ethical Issues in Climate Change and Health: How Can Environmental Health Research Facilitate Transformative Changes

Brain Activity in Farm Workers Occupationally Exposed to Pesticides in Costa Rica

Organophosphate Pesticide Exposure, Differential Genome-Wide DNA Methylation, and Biologic Function

Epigenetic Effects of Gestational Smoking on Developmental Origin of Lung Function Trajectories from Age 10 to 26 Years

The Association between Urinary Naphthol Level and Structural Change of the Brain - Brain Cortical Thinning and Ventric

Mendelian Randomization of Arsenic Metabolism as a Risk Factor for Hypertensive- and Diabetes-Related Traits among A

Neurocognitive Function in Adult Residents of a Mining District in Mexico after Reduction of Manganese Exposure

Urine and Serum Biomarkers of Per- and Polyfluoroalkyl Substances (PFAS) and Fluorinated Alternatives for Human Expo

Setting Bench Mark Dose Limits for Perfluorinated Substances with Epidemiological Data

Derivation of the Agency for Toxic Substances and Disease Registry's (ATSDR's) Provisional Minimal Risk Levels (MRLs) for

Epidemiological Risk Assessment for PFOA

An Updated Meta-Analysis of the Association of Serum PFOA and Birthweight, with an Evaluation of Potential Biases

Serum Per- and Polyfluoroalkyl Substances Levels and Their Predictors in a San Francisco Bay Area Chinese Community

In Utero Dioxin Exposure and Age at Menarche in the Seveso Second Generation

Peripubertal Urinary Arsenic Concentrations and Subsequent Insulin Resistance among Russian Boys

Association between Maternal Psychosocial Stress during Pregnancy and Gestational Age in Puerto Rico

Relationship between Thyroid Hormone Levels, Radiation Dose and IQ in Children Exposed In Utero by the Chernobyl Acc

Association between Liver Function, Hepatic Fibrosis Index and Urinary Thiodiglycolic Acid in School-Aged Children Living

Prenatal Pyrethroid Exposure and Behavioral Problems in 5-Year Old Children from the Infants' Environmental Health Stu

Recent Technical Advancement in High-Resolution Metabolomics

Metabolome Wide Association Study and the Exposome: Linking Exposure to Internal Dose, Biological Response and Dise

Metabolic Changes Associated with Exposure to Perfluoroalkyl Substances in Women

High-Resolution Metabolomics Study of Occupational Exposure to Trichloroethylene

Prospective Study of Untargeted Urinary Metabolomics and Risk of Lung Cancer among Never-Smoking Women in Shang

Changes in the Blood Metabolome in Relation to 24hr Personal Air Pollution Exposure Measurements: A Panel Study in F

California Synthetic Turf Study

Toxicological Research to Assess Bioaccessibility and Biological Effects of Recycled Tire Crumb Rubber Using In Vitro and

Moving from a Human Health Risk Assessment of Playing Sports on Rubber Granule Infill in the Netherlands to a Restrictive

European Chemical Agency's Perspective: An Evaluation of the Possible Health Risks of Recycle Rubber Granules Used as

Perspective from the United States (U.S.) Federal Research Action Plan (FRAP) on Recycled Tire Crumb Rubber Used on S

Investigating Chemical Constituents and Exposure Potential in Recycled Tire Crumb Rubber Infill Used in Playing Fields ar

Associations between Ambient Ozone and Fine Particulate Matter Exposures and Autism Spectrum Disorder in Metropoli

Prenatal and Infant Traffic Related Air Pollution and Autism Spectrum Disorder: A California State-Wide Study

Prenatal PM2.5 Exposure and Neurodevelopment at 2 Years of Age in a Birth Cohort from Mexico City

Prenatal Exposure to Ambient Air Pollution and Early Childhood Neurodevelopment: A Longitudinal Birth Cohort Study in

Early Life Exposure to Fine Particulate Matter and Working Memory and Attention

Air Pollution, Neighborhood Deprivation, and Autism Spectrum Disorder in the Study to Explore Early Development

Incorporating Regulatory Guideline Values in Analysis of Epidemiology Data

Development of Exposure Assessments under Amended TSCA

Student Science and Environmental Health Literacy on Hopi Lands

Development and Demonstration of the Environmental Policy Simulation Tool for Electrical Grid Interventions (Epstein), '

Towards a European Exposure Science Strategy 2030; Bridging the Science and Regulatory Frameworks in Europe

Policy Abstract

Noise Exposure Assessment in Europe: Current and Future Challenges

Noise Exposure Assessment in North America: Past Challenges and Future Opportunities

Noise and Health in Pregnancy and Birth Outcomes

Noise, Sleep and Health Consequences

Transportation Noise and Cardio-Metabolic Disease

Panel Discussion

Prioritization of Flame Retardants for Human Risk Evaluation Based on Population Levels and Toxicity

A Study of Flame Retardants in Residential Furniture and Impact on Human Exposure and Flammability Control

Exposure to Brominated and Organophosphate Ester Flame Retardants in U.S. Childcare Environments: Effect of Remova

Temporal Trends in Serum Polybrominated Diphenyl Ether Concentrations in the Australian Population, 2002-2013

The Association of Urinary Phosphorous-Containing Flame Retardant Metabolites and Self-Reported Personal Care and H

Intervention to Reduce Gymnast Exposure to Flame Retardants: A Case Study

Environmental Justice Analyses May Hide Inequalities in Indigenous People's Exposure to Lead in Mt Isa, Australia

Blood Lead Levels in Children Aged 0 to 6 Years in China: A National Survey

Three Decades of Lead Poisoning Prevalence in Mexico City Children: 1988 to 2015

Bone Lead Associations with Blood Lead, Kidney Function, and Blood Pressure among U.S. Lead-Exposed Workers in a Sui

Point-Of-Care Analysis of Manganese and Lead in Water
 Lead Exposure Biosensors from Epigenome-Wide Blood DNA-Methylation in Adults
 Heat Wave Effects on Mortality and Years of Life Lost in a Dry Region of Iran (Kerman) during 2005-2016
 Heat-Related Mortality Trends and Human Adaptation Response to Climate Warming in Spain: A 30-Year Observational S
 Forty Years of Heat Waves in France: A Tale of Climate Change and Health
 Quantifying the Mediating Effects of Ozone in the Relation between Heat Waves and Years of Life Lost
 Assessing the Impact of Cold and Heat Waves on Physical Activity in a Sub-Tropical Urban Population
 Reduced Cognitive Function during a Heat Wave among Young Adults in Non-Air Conditioned Buildings
 Tales from Two Cohorts
 A Developmental Toxicology Model of Perfluorooctane Sulfonate and Methylmercury Co-Exposure
 Prenatal Bisphenol A Exposure and Brain Structure in Preschool-Aged Children
 Prenatal Exposure to Bisphenol A and Bisphenol S and Neurodevelopment in Children at 2 Years of Age
 Environmental Contaminant Exposure during Pregnancy and Executive Function in 2 Year-Old Children
 Prenatal Exposure to Phthalates and Cognitive Outcomes in Early Childhood in the Apron Cohort
 Exposure to Arsenic and Mercury in Pregnant Women in Gold Mining Areas in Tanzania
 Association between the Early-Life Exposome and Birth Weight
 Impact of Maternal and Paternal Preconception Urinary Bisphenol A (BPA) and Bisphenol S (BPS) Concentrations on Offspr
 Associations between Prenatal Toxicant Exposures and DNA Methylation at Birth and in Adolescence
 Relationship between Polybrominated Diphenyl Ether (PBDE) Levels in Maternal Serum and Fetal Tissues during Mid-Ges
 Prenatal Exposure to Phthalates and Phenols and Infant Anogenital Distance
 Interdisciplinary Research in Assessing Relationships between Environmental Mixtures and Birth Outcomes: What Are th
 Critical Considerations in Environment and Health for First Nations
 Food, Nutrition and Food Security in First Nations Communities
 The Legacy of Mercury Exposure in Grassy Narrows First Nation
 Research and Monitoring Efforts on First Nations Environmental Health Issues
 Total Diet Exposure to Contaminants among First Nations Adults in Canada
 Jeunes, Environnement Et Santé / Youth, Environment and Health (JESI-YEH!) Pilot Project in Four First Nation Communit
 Personal Air Pollution Exposure Tracking: Bringing Data to Users
 Community Use of Stationary and Mobile Pollution Monitors in Somerville and Metropolitan Boston MA USA
 Reducing Exposures to Traffic-Related Air Pollution in Urban Areas: Regional Planning, Neighborhood Design, and Individ
 Street-Level Air Pollution, Health Disparities, and Advocacy
 Rapid-Response Local Monitoring of Toxic Air Pollution after Hurricane Harvey
 Panel Discussion
 Shedding Some Light in the Dark - Validity of Using Satellite Measurements to Estimate Light at Night Exposure
 How Green Is Green? Modeling Urban Greenness Exposure in Environmental Health Research
 Associations of Surrounding Green, Air Pollution and Traffic Noise with General and Mental Health
 Green Space, Mental Health, Physical Activity and Body Mass Index in a Cohort of Women Up to 15 Years Postpartum: A
 Urban Green Space and the Risk of Dementia: A Population-Based Cohort Study
 Active Commuting through Natural Environments and Mental Health: Results from the Phenotype Project
 Innovations in Applied Decision Theory for Occupational and Environmental Health and Safety
 Heat Exposure and Injury Risk in Washington State Outdoor Construction Workers: A Case-Crossover Study Using High Re
 Circadian Variation of Melatonin and Steroid Hormones and Metabolites in Male Shift Workers
 Occupational Noise, Job Strain and Salivary Cortisol: A Repeated-Measure Study
 Hearing Loss in Agricultural Workers Exposed to Pesticides and Noise
 Association between Occupational Exposures to Irritants and Biomarkers of Oxidative and Nitrosative Stress in the Egea
 Association between Individual Indoor PM2.5 Exposure and Peak Expiratory Flow Rate in Schoolchildren.
 Time-Lag Pattern of Short-Term Exposure to Traffic-Related Air Pollution and Changes in Exhaled Nitric Oxide in Asthmati

Outdoor Air Pollution, Fluorescent Oxidation Products and Persistent Asthma: The EGEA Study
 Association of PM2.5 of Outdoor Origin with Biomarkers of Oxidative Stress in COPD Patients
~~Comparison of Air Pollution and the Inflammatory Response of Local Residents in Urban and Rural Beijing, China—Results~~
 Association between Air Pollution Exposure and Inflammation in Chronic Obstructive Pulmonary Disease Patients in Beijing
 A National County-Level Assessment of U.S. Nursing Facility Characteristics Associated with Long-Term Exposure to Traffic
 Associations between Long-Term PM2.5 Exposure and Cardiovascular Outcomes Are Modified by Neighborhood Socioeconomic
 Disease Assimilation: The Loss of the Healthy Immigrant Advantage over Time with Exposure to Fine Particulate Matter
 PM2.5 and Mortality: Modification of the Association by Personal and Area Level Indicators of Socioeconomic Status
 Effect Modification of the PM2.5 Association with Birthweight by Local Residential Racial and Economic Segregation
 Source-Specific Contributions to Fine Particulate Matter Exposure Disparities in the United States
 Forced Expiratory Volume in 1 Second Is Not Affected by Exposure to Diesel Exhaust and Cycling Exercise in Individuals with
 Particulate Metal Exposures Induce Plasma Metabolome Changes in a Commuter Panel Study
 Exposure to Black Carbon and Acute Subclinical Health Effects: Results from a Panel Study in Three European Cities
 Modification of Ozone-Induced Changes in Lung Function by Moderate Recent Life Stress
 Exposure to Air Pollution - A Novel Staircase-Function Response Mechanism of Stress Restoration
 A Crossover Study of In-Vehicle Air Filtration and Acute Changes in Heart Rate Variability and Cognition among Healthy Adults
 Biking Identification with the Micropem Accelerometer
 Crashes when It Splashes: Link between Precipitation Type and Fatal Accidents in the United States
 Using Spatially Resolved Pollution Data to Plan Bicycle Infrastructure
 Spatial Variation of Injury Risk in a Metropolitan Area, According to Home Location, Transportation Mode, Distance Traveled
 Impacts of Multi-Modal Commuting on Personal Air and Noise Exposures and Airway Inflammation
 Associations between Children's Physical Activity and Exposures to Air Temperature and Green Space in Mexico City
 Exposure to Perfluoroalkyl Substances and Polybrominated Diphenyl Ethers from Traditionally Harvested Food Animals and
 Overview of Human Health Risk Assessments
 Discovering Chemicals of Emerging Arctic Concern: Application of New Analytical Approaches to Human Biomonitoring
 Human Health in the Arctic: The Arctic Monitoring and Assessment Programme
 Panel Discussion
 Identification of Key Mixtures in European Countries and Assessment of Consequential Exposures
 Verification of Aggregated Exposure to Bisphenols from Diet and Cosmetics - The Human Biomonitoring Study from the European
 Aggregate and Cumulative Exposure to Pyrethroids of French Population
 Aggregate Exposure and Cumulative Risk Assessment of the Bisphenols BPA, BPS, BPF, and BPAF for the French Population
 Taking Account of Variability and Uncertainty in Cumulative Risk Assessment
 Association of Air Pollution with Incidence of Asthma, Allergic Rhinitis and Eczema: 10-Year Follow-Up of the Toronto Cohort
 Meta-Analysis of Associations between Air Pollution and Childhood Eczema, Rhinoconjunctivitis and Asthma in Four European
 Effects of Fine Particulate Matter and Its Constituents on Asthmatic and Allergic Symptoms in Preschool Children: A Cross-Sectional
 Exposure to Traffic-Related Air Pollution and Risk of Development of Childhood Asthma: Results from the Born in Bradford
 Emergency Department Visits among Patients with Eosinophilic Esophagitis and Acute Exposures to Particulate Pollution
 Generalization of Constrained Mixed-Effect Modeling Framework with Ensemble Learning to Broader Geographic Areas
 An Ensemble Machine-Learning Model to Predict Historical PM2.5 Concentrations in China from Satellite Data
 Leveraging Google Place of Interest (POI) Data, Crowdsourcing, and Machine Learning to Predict Urban NO2 Concentrations
 Developing Advanced PM2.5 Exposure Models in Lima, Peru
 Assessment of Shared and Unshared Exposure Measurement Error in Ensemble Learning Estimates of Nitrogen Oxides and
 Urban Green Spaces and Health - Evidence, Limitations, and Ways Forward
 Does Physical Activity Mediate the Effect of Residential Greenness on Mental Health and Subjective Well-Being? Findings from
 High-Resolution Measures of Natural Environments and Mental Health Outcomes in the Nurses' Health Studies
 Living Close to Water Is Associated with Reduced Risks of Mortality in Canada's Largest Cities: Results from the Canadian
 Panel Discussion

Making Biomonitoring and Exposure Knowledge More Accessible for Risk Assessment
 Using Biomonitoring Data from the Canadian Health Measures Survey and Biomonitoring Equivalents to Assess Risk Associated with Fluoride Levels in Urine and Tap Water in Canada: Data from the Canadian Health Measures Survey 2012-2015 and Interpretation of Urinary Concentrations of Pyrethroid Metabolites in the Canadian Population in a Risk Context: Association of Screening of Population Level Biomonitoring Data from the Canadian Health Measures Survey in a Risk Based Context
 Introduction: Implementation Science to Reduce Household Air Pollution (HAP) Exposures in Low and Middle-Income Countries
 Economic Experiments to Measure LPG Stove Demand and Impacts on Cooking Behaviors and Exposures in Northern Ghana
 The Bottled Gas for Better Life Pilot: An Evaluation of the First Microfinance Initiative in Cameroon to Support Household Understanding Household, Network, and Organizational Drivers of Adoption, Sustained Use, and Maintenance of Clean Cooking
 Enhancing Usage of Clean Fuels among Pregnant Women in India
 The Canaries in the Coal Mine of Climate Change Impacts: Understanding the Threats that Climate Change Poses to Respiratory Health
 Indoor Air Pollution from Solid Fuel Use and Children's Developmental Status in Low-Middle Income Countries: Insights from the Multiple Indicator Cluster Surveys
 Outdoor Air Pollution in the City of Abidjan (Côte D'Ivoire): From Pollutant Concentrations to Diseases in Hospitals
 A Time Series Analysis of Morbidity and Mortality of Lung and Cardiovascular Diseases in Kampala, Uganda
 Panel Discussion
 Personal Exposures to Ultrafine Particles among Asthmatic Kids: Differences between UFP and PM2.5
 Using Real-Time Personal Monitoring and Ecological Momentary Assessment to Study Ultrafine Particles and Children's Health
 Ultrafine Particle Exposures in a Population of Former Smokers with COPD
 Joint Effects of Long-Term Exposure to Ultrafine Particles and Nitrogen Oxides on Cardiovascular Risk Factors over Six Years
 Policy Abstract
 Brain Metabolite Levels May Mediate Traffic-Related Air Pollution Associated Generalized Anxiety Symptoms: Findings from the Environmental Health Survey
 Effects of Traffic Related Particulate Matter on Behavior, Inflammation, and Neuronal Tract Integrity in a Developmental Cohort
 The Role of Cardiovascular Disease in the Relationship of Chronic Exposure to Air Pollution and Incident Dementia
 Genetic Variation in Biotransformation Enzymes, Air Pollution Exposures, and Risk of Spina Bifida
 Fine Particulate Matter Air Pollution and Incidence of Cognitive Impairment among the Elderly in China
 Case Time Series: A Novel Study Design for Big Data Analyses in Environmental Epidemiology
 Expose: An R Package for Estimating Individual and Average Joint Effects of Chemical Mixtures, Dose-Response Relationships
 Influence of the Urban Exposome on Birth Weight
 Early Life Metal Exposures and Neurodevelopmental Trajectory Profiles: Assessment Using Parallel Latent Growth Mixture Models
 A Causal Inference Approach to Understand the Link between Air Pollution Exposure and the Occurrence of Multiple Sclerosis
 Effect of In Utero Arsenic Exposure on Infant Birth Outcomes: Mediation by DNA Methylation of Cord Blood
 In Utero and Peripubertal Metals Exposure in Relation to Reproductive Hormones and Sexual Maturation in Girls
 Chemical Mixture Exposures during Pregnancy and Birth Outcomes
 The Relationships between Maternal Urinary Trace Metals and Plasma Immune Biomarkers during Pregnancy
 Bone Remodeling and Metals Exposure during Pregnancy: Results from Progress Cohort
 Longitudinal Study of Workers in El Salvador & Nicaragua: Opportunities for Collaboration
 Chronic Kidney Disease in a Multiethnic Rural Population in the United States: Translating Research from Tropical Region
 Chronic Kidney Disease in El Salvador and Mesoamerica: Fostering Collaborations to Respond to the Epidemic
 Shining a Light on Sri Lankan CKDu: Opportunities for International Collaboration
 Panel Discussion

ABSTRACT BODY

Abstract: Background/Aim: In utero and early postnatal environmental pollutants exposures, can change the metabolism

Abstract: Brazil has been the largest consumer of pesticides in the world since 2008. The state of São Paulo, with 645 mu

Abstract: City with higher levels of environmental pollution in Brazil. Presentation of the main characteristics of health ar

Abstract: This study aims to investigate alterations in childhood development associated to exposure to environmental p

Abstract: Introduction: Physical activity amplifies respiratory uptake and deposition of air pollutants in the lung, which m

Abstract: Introduction Travel microenvironments are often the most polluted places people encounter in their daily lives

Abstract: Background: Regular active commuting, such as cycling and walking to and from workplace, is associated with r

Abstract: Background and aims: Many cities still suffer from high air pollution and many citizens do not do enough physic

Abstract: Background: Metabolomics is a powerful tool in identifying metabolites and related pathways response to envi

Abstract: Household air pollution (HAP), primarily from solid fuel combustion in cookstoves, is a leading risk factor for the

Abstract: Metabolomics offers an unbiased approach to characterize the metabolism and organ cross talk based on serur

Abstract: Networks are widely used to model associations, direct and indirect relationships between a complex set of var

Abstract: In 1992, outbreaks of severe organizing pneumonia occurred in Spain among textile workers who had been air-

Abstract: The outbreaks of severe interstitial lung disease that occurred during spring among children and adults in South

Abstract: The accident of humidifier disinfectants found in 2011 was one of the biggest man-made environmental disaste

Abstract: Since around the year 2000, hundreds of people in Korea have developed humidifier disinfectant associated lur

Abstract: Background: In 2004 a publication in Science by Hites et al. reported a 10 to 100-fold higher concentrations of p

Abstract: Fatty fish and shellfish are important sources of omega-3 fatty acids, which may improve embryo morphology a

Abstract: The Asian population in the U.S. has an elevated mean blood mercury compared with the non-Asian populatio

Abstract: The 32-mile Detroit River and surrounding tributaries have been designated as a Great Lakes Area of Concern d

Abstract: Background: Only 3 previous epidemiological studies have investigated the combined effect of short-term amb

Abstract: The effects of climate change are felt in many parts of Africa with the alteration of intensity and seasonal natur

Abstract: Vector-borne diseases contribute significantly to the burden of disease in Africa and climate changes is adding i

Abstract: Dengue outbreaks have occurred in several sub-Saharan African countries since 2010 and are expected to incre

Abstract: Exposures to toxicants and infectious agents in rural settings often differ from those in urbanized areas, and the

Abstract: Background: Livestock production is a major industry in the United States. Though livestock farms are associate

Abstract: Most healthcare systems now use electronic health records (EHRs) to catalog clinical care and track patient hea

Abstract: Drivers of environmental health disparities may differ between urban, suburban, and rural regions. The CURE C

Abstract: The United States Environmental Protection Agency's Office of Research and Development has generated high-

Abstract: Under Canada's Chemicals Management Plan, over 3000 substances have been assessed and concluded on und

Abstract: Toxicokinetics (TK) is required information for chemical risk assessment. Unfortunately, TK data are not availab

Abstract: U.S. EPA, under its ExpoCast program, is developing high-throughput near-field modeling methods to estimate

Abstract: The generation of high-quality biomonitoring data is essential for human exposure assessment and health effec

Abstract: The NIEHS Children's Health Exposure Analysis Resource (CHEAR; <https://chearprogram.org/>) is a network of la

Abstract: The assessment of community environmental exposures, evaluation of public health interventions and the dev

Abstract: HBM4EU follows an innovative approach to generate the knowledge policy makers need to improve policy in th

Abstract: Introduction Novel platforms are needed to link spatially determined environmental data with longitudinal pop

Abstract: CANUE is a Canadian Institutes of Health Research-funded platform for supporting environmental health resear

Abstract: Epidemiological cohort studies have consistently found associations between long-term exposure to outdoor ai

Abstract: The mission of the United States Centers for Disease Control and Prevention's (CDC) National Environmental Pl

Abstract: Obtaining reliable results from time-series analysis requires complete and error free data and many statistical t

Abstract: The Regional Deterministic Air Quality Analysis (RDAQA) is a mapping of surface air pollutant concentration wh

Abstract: Multiple pollutant models are increasingly being researched for estimating population health risk due to air pol

Abstract: Bivariate time series responses, specifically daily mortality and morbidity outcomes, in environmental air pollut

Abstract: Background: Exposure to endocrine disrupting compounds (EDCs) is unavoidable. Many EDCs are suspected to i

Abstract: Due to the rise of exposomic research, there is increasing interest in complex mixtures which reflect real life ex

Abstract: Environmental exposures do not occur in isolation. Studying environmental mixtures is of great importance, but the complexity and dynamic nature of environmental pollution creates many challenges for health investigators. Abstract: Occupational exposure to multivalent transition metals in welding fume is associated with a variety of adverse health outcomes. Abstract: Objectives: To compare results estimated using two causal inference methods, inverse probability of exposure weighting and propensity score matching. Abstract: Miners are routinely exposed to high levels of diesel exhaust emissions from powered equipment. Although bioactive components of diesel exhaust are known to be carcinogenic, the extent to which diesel exhaust contributes to lung cancer risk in miners remains unclear. Abstract: The U.S. nail salon industry employs 380,000 workers nationwide, many young Vietnamese women. Numerous studies have shown that nail salon workers are exposed to high levels of airborne chemicals, including formaldehyde, toluene, and acetone. Abstract: We are adding an air pollution study (PURE-AIR) to the ongoing prospective urban and rural epidemiological (PURE) study. Abstract: As part of the CHAI project investigating particle exposure in relation to intermediate cardiovascular outcomes, we conducted a cross-sectional study of PM_{2.5} exposure and cardiovascular health. Abstract: Background PM_{2.5} exposures related to ambient and household air pollution can impact birthweight, but evidence on the magnitude and timing of these effects is limited. Abstract: We report the results of a nation-wide effort to develop a PM_{2.5} model on a fine spatial and temporal resolution. Abstract: Introduction: Ambient air pollution in India, with high concentrations of particulate matter, is a major public health problem.

Abstract: Introduction: Outdoor air pollution is classified as a carcinogen by IARC primarily on the basis of a relationship between air pollution and lung cancer. Abstract: Background. Several cohort studies in Europe showed an association of outdoor PM₁₀ exposure with lung cancer. Abstract: The International Agency for Research on Cancer (IARC) has classified outdoor air pollution as carcinogenic to humans. Abstract: Compared to the general population, agricultural populations have lower incidence of overall cancer, in part due to lower exposure to air pollution. Abstract: Prostate cancer (PC) is one of the most common cancer types in the United States (US). Cumulative environmental exposure to air pollution has been linked to PC. Abstract: Previous estimates of the portion of disease attributable to exposure to environmental hazards range from 3% to 10%. Abstract: Background. Air pollution affects respiratory health, particularly children's lung development and exacerbation of asthma. Abstract: Introduction. Ambient air pollution increases the risk of respiratory mortality but evidence for impacts on lung function is limited. Abstract: Background: Ambient air pollution accelerates lung function decline among adults, but few have examined if particulate matter (PM) exposure is associated with accelerated decline. Abstract: Background: Atrial fibrillation (AF) is the most common heart rhythm disorder and is associated with substantial morbidity and mortality. Abstract: Background: Globally, outdoor fine particulate matter (PM_{2.5}) air pollution is estimated to account for a substantial burden of disease. Abstract: Background: Exposure to air pollution has been linked to coronary heart disease, yet still evidence on PM_{2.5} and heart rate variability (HRV) is limited. Abstract: In recent years there has been a rapid rise in unconventional oil and gas (UOG) extraction, commonly known as hydraulic fracturing (fracking). Abstract: Animal feeding operations (AFOs) generate substantial air pollution. In eastern North Carolina (NC), swine and poultry AFOs are the primary sources of air pollution. Abstract: The Mobile ObserVations of Ultrafine Particles (MOV-UP) Study is a two-year project intended to quantify air quality in the Mobile Bay area. Abstract: Distributed urban emissions contribute to spatially variable air pollutant exposures from neighborhood to neighborhood. Abstract: Although several previous studies have characterised roadside gradients in traffic-related air pollutants through cross-sectional studies, few have examined these gradients longitudinally. Abstract: Background. Near-road monitoring creates opportunities to provide direct measurement on traffic-related air pollution exposure. Abstract: There is growing evidence that temperature increases associated with tropical deforestation are having negative impacts on human health. Abstract: Across the southwestern US, particulate matter (PM) in the form of wind-blown dust is emerging as an increasing public health concern. Abstract: In the early 1990s vivax malaria resurged in Russia affecting the areas that had been malaria-free since 1960s. Little research has been conducted on the impact of vivax malaria on human health. Abstract: Pertussis remains endemic in many areas of the world as a vaccine preventable disease. Little research has been conducted on the impact of pertussis on human health. Abstract: The UK Climate Change Act of 2008 requires an 80% reduction in carbon dioxide-equivalent emissions by 2050 compared to 1990 levels. Abstract: Our world is facing ecological and biological system changes of unprecedented speed, magnitude and extent. Climate change is a major driver of these changes. Abstract: Background: Exposure to pesticides has been associated with neurobehavioral deficits and structural brain abnormalities. Abstract: Organophosphates (OP) are widely used insecticides that acutely inhibit acetylcholinesterase enzyme activity. Little research has been conducted on the impact of OP on human health. Abstract: Gestational smoking is known to effect DNA-methylation (DNAm) at epigenetic loci (CpGs) in offspring. The objective of this study was to examine the association between gestational smoking and DNAm at CpGs in offspring. Abstract: Background: Dementia is one of the most common disease in South Korea. Active researches are underway for the prevention and treatment of dementia. Abstract: Much of the research that connects hypertension and diabetes to arsenic has been conducted in populations exposed to high levels of arsenic. Abstract: Background.. Little is known on chronic air manganese exposure and its neurotoxic effects once the exposure has ceased. Abstract: Per- and polyfluoroalkyl substances (PFAS), man-made chemicals with highly fluorinated carbon chains, are used in a wide range of consumer products. Abstract: Background/Aim: Limits set for exposure to PFOA (perfluoro-octanoic acid) and other perfluorinated alkyl substances (PFAS) are based on animal studies. Abstract: An MRL is an estimate of daily exposure to a hazardous substance that is likely to be without appreciable risk of adverse effects. Abstract: Introduction: Experimental studies of perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) exposure have shown adverse effects on reproductive and developmental outcomes. Abstract: Background: A recent meta-analysis of 15 studies of PFOA and birthweight found a change of -12.8 grams (95% CI: -20.1 to -5.5 grams).

Abstract: Background: Per- and poly-fluoryl alkylsubstances (PFAS) have been widely detected in the environment, food,

Abstract: Introduction: In utero exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD), a widespread environmental cor

Abstract: Introduction: Inorganic arsenic (iAs) has been associated with type 2 diabetes in adults, but there are few studie

Abstract: Preterm birth (PTB), the leading cause of infant morbidity and mortality worldwide, disproportionately impacts in

Abstract: Background/Aim: A previous study, in Belarus, examined psychological development in 250 children exposed in

Abstract: Background/Aim: Whether children are susceptible to hepatotoxicity when exposed to vinyl chloride monomer

Abstract: Background: Pyrethroid insecticides may affect children's behavior, but data from prospective studies are rare.

Abstract: Metabolomics refers to the study of small molecules in biologic systems. Earlier technologies were restricted in

Abstract: The metabolic phenotype provides a central measure linking exposure to internal dose, biological response and

Abstract: Recent epidemiological studies suggest that human exposure to perfluoroalkyl substances (PFAS) may affect m

Abstract: Introduction: Trichloroethylene (TCE) is a common water contaminant and continues to be used in the workpla

Abstract: Background: Never-smoking Chinese women have a high rate of lung cancer but the etiology is poorly understo

Abstract: Background: The peripheral blood might harbor compounds originating from air pollutants and endogenous me

Abstract: There are over 900 synthetic turf sport fields in California (CA). Public concern about cancer incidents among yc

Abstract: The National Toxicology Program conducted in vitro and 14-day in vivo studies of tire crumb rubber (TCR) to en

Abstract: The Dutch National Institute for Public Health and the Environment (RIVM) evaluated the health risk of playing

Abstract: Concerns have been raised in the European Union (EU) whether substances in infill material in synthetic turf fie

Abstract: Concerns have been raised by the public, both nationally and internationally, about the safety of recycled tire c

Abstract: Concerns have been raised by the public, both nationally and internationally, about the safety of recycled tire c

Abstract: Epidemiological studies have found fairly consistent associations between various air pollution measures and a

Abstract: Background: Studies are accumulating that suggest associations between air pollutants and autism spectrum di

Abstract: Background: The association between fine particles (PM_{2.5}) and child development has not been assessed base

Abstract: Background: Animal studies indicate that air pollution may be neurotoxic, but evidence in humans is limited. W

Abstract: Growing evidence has related exposure to air pollution to decelerated cognitive development in children. How

Abstract: Background: Neighborhood deprivation may modify associations between autism spectrum disorder (ASD) and

Abstract: Fundamental to regulatory guidelines is to identify chemicals that are implicated with adverse human health ef

Abstract: On June 22, 2016, the Frank R. Lautenberg Chemical Safety for the 21st Century Act was signed into law thereb

Abstract: The Hopi Environmental Health Project is funded through the Center for Indigenous Environmental Health Rese

Abstract: Renewable energy and energy efficiency (EE/RE) can have benefits to both climate and public health by reducir

Abstract: A diverse range of European Union legislation, including REACH, the biocides Regulation, the Sustainable Use o

Abstract: Proprietary software (e.g. CadnaA, SoundPlan,) has long served the needs of undertaking noise assessments for

Abstract: Neighborhood noise has been linked to chronic health problems across the life-course, ranging from cognitive a

Abstract: The most recent systematic review of environmental noise and birth outcomes is by Nieuwenhuijsen et al, 2017

Abstract: There is growing evidence that traffic noise has adverse long-term consequences for health. The recent system

Abstract: The link between noise and cardiovascular disease was among the earliest to be examined by researchers inter

Abstract: Due to flammability standards, flame retardants (FRs) are widely used in consumer products and building mate

Abstract: In order to meet flammability requirements, chemical flame retardants (FRs) are often added to consumer proc

Abstract: Nap mats are a significant item in childcare settings used for children naptime. Typically, they are one- to two-in

Abstract: In Australia, systematic biomonitoring of persistent organic pollutants (POPs) in pooled serum samples stratifie

Abstract: Background: Phosphorous-containing flame-retardants (PFRs) are widely detected. Increased exposure to PFRs i

Abstract: We previously reported that gymnasts can have high, quasi-occupational, exposures to flame retardants (FRs) c

Abstract: Elevated blood lead levels (BLLs) in children have been recorded in the city of Mt Isa due to lead emissions from

Abstract: Background : Lead exposure is a major environment-related disease that severely endangers child health. How

Abstract: Epidemiologic studies may be the best approach to estimate lead exposure of the general population in countri

Abstract: Background: Measurements of lead in bone represent cumulative exposure which, in many studies, has been m

Abstract: Metals are ubiquitous in the environment and have long been recognized to pose significant threat to human health.

Abstract: Background: Lead is a ubiquitous toxicant with a numerous chronic health effects. Between 2002-2011 more than 100,000 children in the United States were exposed to lead.

Abstract: Introduction: The present study was conducted to compare the added effect of heat waves on mortality and morbidity.

Abstract: Background. Anthropogenic greenhouse gas emissions have increased summer temperatures in Spain by nearly 1°C.

Abstract: Introduction: Heat waves are the most emblematic health risk directly influenced by climate change. This study aims to assess the impact of heat waves on mortality and morbidity.

Abstract: Some studies have proposed that the role of ozone in studies of temperature and mortality is a causal intermediate.

Abstract: Background: Extreme temperatures are increasing due to climate change, however research of their impacts on human health is limited.

Abstract: In many areas of the world, buildings are designed for harnessing heat during cold winters, and thus can exacerbate heat stress during hot summers.

Abstract: Background/Aim: Developmental neurotoxicity is a global health concern. Neurotoxicants easily cross the placenta.

Abstract: Background/Aim: Prospective birth cohort studies are powerful means of investigating associations between environmental exposures and health outcomes.

Abstract: Background/Aim: In Canada, over 90% of the population has detectable levels of bisphenol A (BPA) due to diet.

Abstract: Background/Aim: Bisphenol A (BPA) is an endocrine disruptor that is ubiquitous worldwide. Evidence suggests it has adverse effects on human health.

Abstract: Background/Aim: Bisphenol A (BPA) is an ubiquitous environmental chemical and research suggests it has neurotoxic effects.

Abstract: Background/Aim: Phthalates are ubiquitous endocrine disrupting chemicals. Previous research suggests an association between phthalate exposure and adverse health outcomes.

Abstract: Background/Aim: In Tanzania, artisanal and small scale gold mining (ASGM) operations expose entire communities to environmental contaminants.

Abstract: Background: Several environmental contaminants have been identified as possibly influencing birth weight, maternal health and infant health.

Abstract: Infant size at birth is considered an important marker of the intrauterine environment. Accumulating evidence suggests that environmental exposures during pregnancy can influence infant health.

Abstract: Epigenetic modification is one plausible mechanism linking early life environmental exposures to adverse health outcomes.

Abstract: Polybrominated diphenyl ether (PBDE) compounds are flame retardant chemicals with adverse effects on brain development.

Abstract: Measurement of endocrine sensitive endpoints, especially those that are sexually dimorphic, such as anogenital distance, is a challenge.

Abstract: Despite the potential utility of interdisciplinary approaches in addressing complex environmental health research questions, there are barriers to their implementation.

Abstract: The intersection of environment and health represents a unique set of considerations with respect to First Nations and Inuit health.

Abstract: In the general Canadian population, household food insecurity is estimated at 9% and often cited as too high for a developed country.

Abstract: In 1960 and '70s, a plant in Northern Ontario dumped 10,000 tons of mercury (Hg) into the Wabigoon-English River.

Abstract: The First Nations and Inuit Health Branch, Health Canada/Indigenous Services Canada has been working on several initiatives to address environmental health issues.

Abstract: Indigenous peoples have elevated risks of exposure to environmental contaminants because of their traditional hunting and gathering practices.

Abstract: The pilot project Jeunes, Environnement et Santé / Youth, Environment and Health (JES!-YEH!) was conducted in several communities.

Abstract: Large scale personal air pollution measurements are currently not feasible due to the lack of robust, affordable sensors.

Abstract: Over the last fifteen years, advocacy groups in Somerville and nearby communities have worked with environmental health departments to address air quality issues.

Abstract: The assessment of exposure to traffic-related air pollution has seen advances along various dimensions. Air pollution is a major environmental health concern.

Abstract: Recent mobile monitoring and high density distributed network campaigns have provided unprecedented insights into traffic-related air pollution exposure.

Abstract: Natural disasters pose unique chemical exposure risks. In August of 2017, Hurricane Harvey slammed into Houston, Texas.

Abstract: Background: Exposure to light at night (LAN) can perturb the biological clock and affect sleep and health. Several studies have shown that LAN exposure is associated with adverse health outcomes.

Abstract: Exposure to greenness has several health benefits, yet analyses are limited by uncertainty about accuracy of greenness measures.

Abstract: Background: Several studies showed indications that mental health is affected by environmental exposures. Objectives: The primary objective of this study was to assess the relationship between environmental exposures and mental health.

Abstract: Background: Most epidemiological studies of green space and health use cross-sectional data, focus on green space access, and use self-reported measures of green space use.

Abstract: Background/Aim: A growing body of epidemiologic evidence has identified urban green space as a potential modifier of the health benefits of physical activity.

Abstract: Background Urgent public health problems associated with the urban built environment include physical inactivity, obesity, and chronic disease.

Abstract: Miners are exposed to a complex mix of airborne hazards that can lead to chronic respiratory and cardiovascular disease.

Abstract: Objectives: The primary objective of this study was to assess the relationship between heat exposure and occupational health outcomes.

Abstract: Background: Night shift work has been associated with increased risk for breast and prostate cancer. The effect of night shift work on cancer risk is not fully understood.

Abstract: Background: Exposure to occupational noise and job strain have been reported to be associated with the salivary cortisol response.

Abstract: Pesticides have been identified as potential ototoxic agents, however it has been difficult to assess whether the effects are due to direct ototoxicity or indirect effects.

Abstract: Introduction the biological mechanisms by which occupational exposures to irritants affect asthma are poorly understood.

Abstract: Background: PM2.5 exposure is known to have adverse effect on respiratory function in children. However, more research is needed to understand the mechanisms of action.

Abstract: Background/Aim: Short-term exposure to traffic-related air pollution (TRAP) has been associated with asthma exacerbations.

Abstract: The biological mechanisms involved in the associations between outdoor air pollution and asthma are poorly known.

Abstract: Introduction: Studies have shown effects of ambient particulate matter ≤ 2.5 microns in diameter (PM_{2.5}) on cardiovascular health.

~~Abstract: Introduction: Owing to rapid urbanization, residents in urban and rural greater Beijing area may be exposed to air pollution.~~

Abstract: Background/Aim: Chronic obstructive pulmonary disease (COPD), characterized by chronic inflammation, is one of the leading causes of death worldwide.

Abstract: Background: Long-term exposure to ambient air pollution increases disease risk in older adults. Nursing facilities are important settings for older adults.

Abstract: Exposure to PM_{2.5} air pollution, as well as neighborhood socioeconomic status (SES), are associated with cardiovascular disease risk.

Abstract: Background. Immigrants make up 20 percent of the Canadian population, yet recent immigrants (< 20 years in Canada) are at higher risk of poor health.

Abstract: Background Individual and contextual sociodemographic characteristics are important determinants of health.

Abstract: Background: Maternal exposure to particulate matter under 2.5 μm in aerodynamic diameter (PM_{2.5}) during pregnancy is associated with adverse birth outcomes.

Abstract: Efficiently addressing environmental injustice in air pollution exposure requires knowledge of the predominant factors influencing exposure.

Abstract: PURPOSE: To assess the effect of diesel exhaust (DE) exposure before and during cycling exercise in individuals with asthma.

Abstract: Identifying air pollution (AP) components driving human health response remains costly and complex, with increasing demand for improved methods.

Abstract: Short-term exposure to high levels of traffic-related air pollution has been linked to numerous adverse health effects.

Abstract: While changes in lung function (LF) due to ozone (O₃) exposure are well-documented in healthy populations, poor understanding of the mechanisms underlying these changes remains.

Abstract: Introduction: Given the epidemiological facts that exposure to air pollution induce the stress, reasonable hypothesis is that air pollution exposure may be a risk factor for mental health.

Abstract: Background: Traffic-related air pollutants (TRAP) are known to negatively affect cardiovascular health, and personal exposure assessment is a key component of epidemiological studies.

Abstract: Journals, time activity diaries, and other manual annotations of a participant's activities can be labor intensive, and automated methods are needed.

Abstract: Introduction: We conduct a comprehensive national assessment of the risk of fatal traffic crashes by examining the role of traffic-related air pollution.

Abstract: Highly resolved pollution data offers novel insights into where and when urban residents incur air pollution exposure.

Abstract: At the route level, traffic volume and road geometry greatly influence the risk of injury. At the state or country level, traffic volume and road geometry are important determinants of risk.

Abstract: Background: Modern mobility can include mixtures of transportation options, which potentially impact pollution exposure.

Abstract: Background/Aim: Global increases in sedentary behavior are a major public health concern requiring research into the role of physical activity in health.

Abstract: The Arctic serves as a hemispheric sink for persistent organic pollutants (POPs). Indigenous arctic populations are exposed to these pollutants through diet and environment.

Abstract: A general overview of the role of Health Canada's Food Directorate within the Northern Contaminants Program is provided.

Abstract: Different analytical strategies are used to discover chemicals of emerging concern in the Arctic. While traditional methods are used for known chemicals, new methods are needed for emerging chemicals.

Abstract: The Arctic Monitoring and Assessment Programme (AMAP) has a history back to 1991. The Human Health Assessment is a key component of the AMAP work.

Abstract: Through their diet, populations are exposed to mixtures of chemicals which can cause health diseases. Due to the complexity of the mixtures, it is difficult to identify the specific chemicals responsible for the health effects.

Abstract: Bisphenols have many applications in consumer products, and exposure occurs from a vast number of sources including food, water, and consumer products.

Abstract: Pyrethroids are commonly used as insecticides and can be found in both outdoor and indoor environments. Metabolites of pyrethroids are also found in the environment.

Abstract: Bisphenol A (BPA) is used in the production of polycarbonate plastics and epoxy resins and for the color development in inks and dyes.

Abstract: Human populations are exposed to many chemicals that may cause the same health effect. In a risk assessment, it is important to consider the cumulative exposure to these chemicals.

Abstract: Objective: To examine the associations between ambient nitrogen dioxide (NO₂) and ozone (O₃) exposures at birth and childhood and asthma.

Abstract: Background: How early-life and current exposures to air pollution affect allergic and respiratory health development remains unclear.

Abstract: Background/Aim: Few studies examined the effects of specific PM_{2.5} constituents on childhood asthma and allergies.

Abstract: Background Childhood exposure to traffic-related air pollution (TRAP) might lead to the onset of new childhood asthma.

Abstract: Research suggests that environment plays a significant role in the presentation of eosinophilic esophagitis (EoE), a chronic inflammatory disease of the esophagus.

Abstract: Background: Spatiotemporal models developed for a specific region typically provide high spatial and temporal resolution of air quality.

Abstract: Background: The long satellite aerosol data record enables assessments of historical PM_{2.5} level in developing countries.

Abstract: Background: Land Use Regression (LUR) has been extensively applied to model intra-urban variations of air quality.

Abstract: Background: There is convincing evidence of adverse health effects induced by exposure to PM_{2.5} in the growing population.

Abstract: To improve exposure spatial and temporal resolution, researchers are using machine learning spatiotemporal models.

Abstract: Based on scientific evidence, the World Health Organization advocates for public green space as an important component of a healthy environment.

Abstract: Although a growing body of research shows that exposure to natural environments benefits physical and mental health, the mechanisms underlying these benefits are not fully understood.

Abstract: The biophilia hypothesis and psychoevolutionary theory suggest that exposure to nature might be linked to better mental health.

Abstract: Increasing evidence suggests that residential exposures to natural environments, such as green space, are associated with better mental health.

Abstract: Health Canada has invested over the decade at research for the interpretation of Canadian Health Measures Survey data.

Abstract: Health Canada conducts human health risk assessments for priority substances under the Chemicals Management Act.

Abstract: Fluoride is recognized as beneficial to dental health because of its ability to prevent tooth decay. However, excessive fluoride exposure can be harmful.

Abstract: Pyrethroids are extensively used in agricultural, commercial and residential pest control, and are implicated in human health concerns.

Abstract: Canada's comprehensive and nationally-representative Canadian Health Measures Survey includes a biomonitoring component.

Abstract: HAP exposures are responsible for a major proportion of the total disease burden in LMICs. To address this, the WHO is leading a global effort.

Abstract: The Prices, Peers, and Perceptions (P3) project in the Kassena-Nankana Districts (KND) of Northern Ghana is conducting a study on the impact of HAP.

Abstract: Introduction the LPG Adoption in Cameroon Evaluation (LACE) studies aimed to identify and address barriers to the adoption of clean fuels.

Abstract: To reduce household air pollution (HAP) the emphasis is now on transitioning households and communities to clean fuels.

Abstract: Background. Recent Indian policies have vastly expanded access to clean fuels. Access does not necessarily lead to improved health outcomes.

Abstract: The aim of the presentation is to characterize how climate change may influence workers' allergic and respiratory health.

Abstract: Background: Indoor air pollution from solid fuels represents an important determinant of adverse health effects in LMICs.

Abstract: Background Air quality is a major concern due to its impact on human health. In order to assess the impact of air pollution on health, it is essential to have accurate data.

Abstract: Burden of disease attributable to non-communicable diseases (NCD) is increasing worldwide. World Health Organization (WHO) estimates that NCDs account for 71% of all deaths globally.

Abstract: Particulate matter (PM) air pollution is known to exacerbate asthma symptoms in children; however, it is still unclear how PM affects lung development.

Abstract: Background: Few studies have examined the health effects of ultrafine particles (UFPs), in part due to challenges in measurement and exposure assessment.

Abstract: Chronic Obstructive Pulmonary disease (COPD) is the third leading cause of death in the United States, affecting approximately 16 million people.

Abstract: Background: No previous studies have examined the cardiovascular effects of interactions between long-term exposure to PM and short-term exposure to UFPs.

Abstract: Introduction: Exposure to traffic-related air pollution (TRAP) is associated with cognitive and neurobehavioral outcomes in children.

Abstract: There is convincing evidence that living close to major roadways and highways is associated with increased mortality and morbidity.

Abstract: BACKGROUND: Cardiovascular disease is a known determinant of dementia. Epidemiologic studies have also shown that air pollution is a risk factor for dementia.

Abstract: Spina bifida is a birth defect characterized by incomplete closure of the embryonic neural tube. Genetic factors and environmental exposures are thought to play a role.

Abstract: Background/Aim: Long-term exposure to fine particulate matter (PM_{2.5}) has been shown to increase risk of cognitive decline and dementia.

Abstract: Environmental research has been transformed by big data technologies, such as electronic health records linkage and geospatial analysis.

Abstract: Introduction: Although the general population is exposed to multiple chemicals, most environmental epidemiologic studies have focused on single chemicals.

Abstract: Background: We aimed to evaluate the association of the urban exposome with birth weight and term low birth weight.

Abstract: Introduction: Neurodevelopment delay is an important public health problem, affecting up to 15% of children. It is often associated with environmental exposures.

Abstract: When answering environmental health related questions, most often, only non-randomized observational data are available.

Abstract: Background: In utero exposure to arsenic (As) is associated with adverse birth outcomes; this relationship may be mediated by epigenetic changes.

Abstract: Metals occur naturally in the environment and are potential endocrine disrupting chemicals (EDCs). In utero exposure to metals can affect fetal development.

Abstract: Exposure to environmental chemical mixtures, which is prevalent among pregnant women, may be associated with adverse birth outcomes.

Abstract: Background: Environmental exposure to metals is widespread and may pose a risk for adverse birth outcomes. This is particularly true for lead and mercury.

Abstract: Background: Environmental exposure to metals has been associated with decreased bone density and higher risk of fractures.

Abstract: The causes of the epidemic of chronic kidney disease (CKD) in Central America, referred to as Mesoamerican Nephropathy, are still unclear.

Abstract: Chronic kidney disease is a global public health concern which can lead to end stage renal disease. Known risk factors include hypertension, diabetes, and obesity.

Abstract: Dr. Garcia Trabanino is the head of the Association of Nephrology of El Salvador and a board member of the Central American Society of Nephrology.

Abstract: Chronic kidney disease (CKD) has emerged as an important non-communicable, global health epidemic. Importantly, CKD is often asymptomatic until late stages.

PRESENTER (FIRST NAME ONLY)	PRESENTER (LAST NAME ONLY)
Ana	Oliveira
Telma	Nery
Paolo	Paz de Lima
Carmen	Asmus
Zorana	Andersen
Juan	Orjuela
Marko	Tainio
Mark	Nieuwenhuijsen
Lina	Mu
Maggie	Clark
Cavin	Ward-Caviness
Rachael	Blair
Benoit	Nemery
Jong Han	Leem
Hae-Kwan	Cheong
Dong-Uk	Park
Thorhallur	Halldórsson
Lauren	Wise
Mary	Turyk
Wendy	Wattigney
Toyib	Olaniyan
Adetoun	Mustapha
Brama	Kone
Tarik	Benmarhnia
Meghan	Davis
Beth	Feingold
Joan	Casey
Meredith	McCormack
Katherine	Phillips
Angelika	Zidek
John	Wambaugh
Kristin	Isaacs
Annie	St-Amand
David	Balshaw
Julianne	Nassif
Marike	Kolossa-Gehring
Andy	Boyd
Dany	Doiron
Kees	de Hoogh
Fuyuen	Yip
Dave	Riegert
Sylvain	Ménard
Wesley	Burr
Glen	Takahara
Ghassan	Hamra
Shelley	Liu

Alexander	Keil
John	Pearce
Ashley	Newton
Mengting	Xu
Jacqueline	Ferguson
Diana	Ceballos
Michael	Brauer
Cathryn	Tonne
Kalpana	Balakrishnan
Joel	Schwartz
Siddhartha	Mandal
Priyanka	Gogna
Dario	Consonni
Roel	Vermeulen
Catherine	Lerro
Jyotsna	Jagai
Susan	Greco
Li	Bai
Dany	Doiron
Mary	Rice
Jaime	Hart
Andrew	Larkin
Zorana	Andersen
Meredith	Franklin
Virginia	Guidry
Elena	Austin
David	Miller
Ian	Longley
Donghai	Liang
June	Spector
Jill	Johnston
Natalia	Shartova
Yuzhou	Zhang
Heathen	Walton
Mathilde	Pascal
Ana Maria	Mora
Kimberly	Paul
Wilfried	Karmaus
Woojin	Kim
Molly	Scannell Bryan
Horacio	Riojas Rodriguez
Antonia	Calafat
Tony	Fletcher
Melanie	Buser
Scott	Bartell
Kyle	Steenland

Kathleen	Attfield
Marcella	Warner
Jane	Burns
Stephanie	Eick
Liudmila	Liutsko
Kai-Wei	Liao
Jorge Ernesto	Peñaloza Castañeda
Dean	Jones
Douglas	Walker
Vincent	Bessonneau
Nathaniel	Rothman
Qing	Lan
Roel	Vermeulen
Randy	Maddalena
Georgia	Roberts
Wouter	ter Burg
Andreas	Ahrens
Annette	Guisseppi-Elie
Annette	Guisseppi-Elie
John	Kaufman
Ondine	von Ehrenstein
Magali	Hurtado-Díaz
Christine	Loftus
Ioar	Rivas
Laura	McGuinn
Chris	Gennings
Nerija	Orentas
Mary Kay	O'Rourke
Jonathan	Buonocore
Yuri	Bruinen de Bruin
John	Gulliver
Sara	Adar
Anna	Hansell
Gunn Marit	Aasvang
Hugh W	Davies
Lisa	Melymuk
Aika	Davis
Amina	Salamova
Lesa	Aylward
Mary	Ingle
Courtney	Carignan
Nathan	Cooper
Chong-Huai	Yan
Ivan	Pantic
Vaughn	Barry

Ian	Papautsky
Elena	Colicino
Narges	Khanjani
Joan	Ballester
Mathilde	Pascal
Tarik	Benmarhnia
Janice	Ho
Jose Guillermo	Cedeno-Laurent
Deborah	Dewey
Anthony	Reardon
Melody	Grohs
Jiaying	Liu
Kayla	Ten Eycke
Maede	Ejaredar
Elias	Nyanza
Remy	Slama
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